b.) Amendment to the Claims

1. (Original) An agent for treating migraine comprising, as an active ingredient, a xanthine derivative represented by formula (I):

$$\begin{array}{c|c}
X^2 & R^3 \\
R^1 & N & R^4 \\
X^1 & N & R^4
\end{array}$$
(I)

[wherein R¹, R² and R³ are the same or different, and represent a hydrogen atom, lower alkyl, lower alkenyl or lower alkynyl;

 R^4 represents cycloalkyl, $-(CH_2)_n-R^5$ (wherein R^5 represents substituted or unsubstituted aryl, or substituted or a unsubstituted heterocyclic group; and n represents an integer of 0 to 4) or a group represented by formula (II):

$$Y^1$$
 Z
 Y^2
(II)

(wherein Y^1 and Y^2 are the same or different, and represent a hydrogen atom, halogen or lower alkyl; and Z represents substituted or unsubstituted aryl or a substituted or unsubstituted heterocyclic group);

 X^1 and X^2 are the same or different, and represent an oxygen atom or a sulfur atom]

or a pharmaceutically acceptable salt thereof.

- 2. (Original) The agent for treating migraine according to claim 1, wherein X^1 and X^2 are both an oxygen atoms.
- 3. (Currently Amended) The agent for treating migraine according to claim 1 or 2, wherein R⁴ is a group represented by formula (II):

(wherein Y¹, Y² and Z each have the same meanings as defined above).

- 4. (Original) The agent for treating migraine according to claim 3, wherein Y^1 and Y^2 are both hydrogen atoms.
- 5. (Currently Amended) The agent for treating migraine according to elaim 3 or 4 claim 3, wherein Z is substituted or unsubstituted aryl or a group represented by formula (III):

$$- \begin{array}{c} O \\ (CH_2)_m \\ R^6 \end{array}$$
 (III)

(wherein R⁶ represents a hydrogen atom, hydroxy, lower alkyl, lower alkoxy, halogen, nitro or amino; and m represents an integer of 1 to 3).

6. (Currently Amended) A method for treating migraine which comprises administering an effective amount of a xanthine derivative represented by formula (I):

(wherein R^4 , R^2 , R^3 , R^4 , X^4 and X^2 each have the same meanings as defined above R^1 , R^2 and R^3 are the same or different, and represent a hydrogen atom, lower alkyl, lower alkenyl or lower alkynyl;

 R^4 represents cycloalkyl, $-(CH_2)_n-R^5$ (wherein R^5 represents substituted or unsubstituted aryl, or substituted or a unsubstituted heterocyclic group; and n represents an integer of 0 to 4) or a group represented by formula (II):

(wherein Y^1 and Y^2 are the same or different, and represent a hydrogen atom, halogen or lower alkyl; and Z represents substituted or unsubstituted aryl or a substituted or unsubstituted heterocyclic group);

 X^1 and X^2 are the same or different, and represent an oxygen atom or a sulfur atom)

or a pharmaceutically acceptable salt thereof.

Claim 7 (Cancelled).

8. (New) The agent for treating migraine according to claim 4, wherein Z is substituted or unsubstituted aryl or a group represented by formula (III):

$$- \bigvee_{\mathsf{R}^6}^{\mathsf{O}_{\mathsf{C}}(\mathsf{CH}_2)_{\mathsf{m}}} (\mathsf{III})$$

(wherein R⁶ represents a hydrogen atom, hydroxy, lower alkyl, lower alkoxy, halogen, nitro or amino; and m represents an integer of 1 to 3).